

List of All Chemicals

P Heracleum laciniatum (Apiaceae)

Common name(s)

Laciniate Cow-parsnip

*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Chemical	Plant Part	Low PPM	High PPM	StdDev	*Reference
ANGELICIN	Root	40.0	265.0	1.0	*
Activities (17)					
Antiaflatoxin IC50=1.83 uM					
Antiaflatoxin 0.34 ppm					
Anticonvulsant					
Antiflu			Economic & Medicinal Plant Research, 5: 195.		
Antimutagenic IC50=1.83 uM					
Antimutagenic 0.34 ppm					
Antispasmodic ED=20					
Antiviral					
CNS-Depressant ED=20-80					
Cytotoxic					
Hepatoprotective IC50=1.83 uM					
Hepatoprotective 0.34 ppm					
Hypotensive ED=20-50 iv					
Myorelaxant			Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.		
Photoactive			Economic & Medicinal Plant Research, 5: 199.		
Phototoxic					
Sedative ED=20-80					
BERGAPTEN	Root	70.0	450.0	-0.57	*
Activities (26)					
Antiaggregant					
Antiaperitif					
Anticonvulsant					
Antihistaminic 25 mg/kg ipr mus					
Antiinflammatory					
Antijet-lag			Nigg, H.N. and Seigler, D.S., eds. 1992. Phytochemical Resources for Medicine and Agriculture. Plenum Press, New York. 445 pp.		
Antileukodermic			Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.		
Antimitotic 5-25 ug/ml			Gawron, A. and Glowniak, K. 1987. Cytostatic Activity of Coumarins in vitro. Planta Medica 1987: 526.		
Antiplatelet					
Antipsoriac					
Antispasmodic					
Antitumor					
CNS-Depressant			Neuwinger, H. D. 1996. African Ethnobotany - Poisons and Drugs. Chapman & Hall, New York. 941 pp.		
Calcium-Antagonist					
Cancer-Preventive 5-25 ug/ml			Gawron, A. and Glowniak, K. 1987. Cytostatic Activity of Coumarins in vitro. Planta Medica 1987: 526.		
Carcinogenic					
Clastogenic			Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.		
DME-Inhibitor IC50=96 uM			Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.		
Hypotensive					
Insecticide					
Lipolytic					
Molluscicide					
Mutagenic			Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.		
Pesticide					
Phototoxic					
Piscicide			Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.		

ISOBERGAPten	Root	70.0	400.0	*
ISOPIMPINELLIN	Root	140.0	825.0	*
Activities (15)				
Antiappetant				
Antifeedant	Jacobson, M., Glossary of Plant-Derived Insect Deterrents, CRC Press, Inc., Boca Raton, FL, 213 p, 1990.			
Antiinflammatory 100 ppm				
Antilipogenic				
Antimitotic 5-25 ug/ml	Gawron, A. and Glowniak, K. 1987. Cytostatic Activity of Coumarins in vitro. <i>Planta Medica</i> 1987: 526.			
Antitubercular				
Calcium-Antagonist				
Cancer-Preventive 5-25 ug/ml	Gawron, A. and Glowniak, K. 1987. Cytostatic Activity of Coumarins in vitro. <i>Planta Medica</i> 1987: 526.			
Diuretic 125 mg/kg				
Fungicide	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.			
Insecticide				
Molluscicide				
Mutagenic				
Pesticide				
Piscicide	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.			
PIMPINELLIN	Root	60.0	400.0	*
Activities (7)				
Antibacterial	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.			
Antitubercular	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.			
Diuretic 125 mg/kg				
Fungicide				
Pesticide				
Phototoxic				
Phytoalexin				
SPHONDIN	Root	80.0	500.0	*
Activities (1)				
Phototoxic				